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=> s purification

L1 2059954 PURIFICATION

=> on 11 and FVIII

L2 1147 L1 AND FVIII

=> s 12 and (virus inactivation)

114 L<sub>2</sub> AND (VIRUS INACTIVATION)

=> s 13 and (cryoprecipitate)

#### L4 34 L3 AND (CRYOPRECIPITATE)

=> s 14 and (mixture of arginine)

6 FILES SEARCHED...

=> s 14 and (hydrophobic amino acid)

## L6 1 L4 AND (HYDROPHOBIC A

L6 ANSWER 1 OF 1 USPATFULL on STN  
TI Process for the preparation of a von Willebrand (FvW) factor concentrate

AB by chromatography and a FvW concentrate thus obtainable  
This invention relates to a process for the preparation of a very high  
purity von Willebrand factor concentrate from a biological fraction.

containing von Willebrand factor, including a separation by anion exchange chromatography using a vinyl polymer support of weak base type, the said separation comprising the steps of loading of the chromatographic support with the fraction containing von Willebrand factor, previously equilibrated with a suitable buffer, with a predetermined flowrate allowing the retention of the von Willebrand factor, washing of the support with an acidic buffer with a flowrate higher than the flowrate of the step a) until the not-retained proteins and the contaminants are removed, flushing and equilibrating of the chromatographic support with the buffer and using the flowrate of the step a), and elution of the von Willebrand factor by increasing of the ionic strength of the step c). The invention also relates to a von Willebrand factor concentrate for therapeutic use likely to be obtained by implementing of the process wherein the rate of Factor VIII:C/FvW:RCo is less than 0.06%.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2006:41429 USPATFULL

TITLE: Process for the preparation of a von Willebrand (FvW) factor concentrate by chromatography and a FvW concentrate thus obtainable

INVENTOR(S): Martel, Serge, La Madeleine, FRANCE  
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PATENT ASSIGNEE(S): LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, Les Ulis, FRANCE, 91940 (non-U.S. corporation)

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	NUMBER	DATE
PRIORITY INFORMATION:	FR 2004-8897	20040816

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: BIRCH STEWART KOLASCH & BIRCH, PO BOX 747, FALLS CHURCH, VA, 22040-0747, US

NUMBER OF CLAIMS: 14

EXEMPLARY CLAIM: 1

LINE COUNT: 563

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